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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/510,662

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Mauri Kangas

4208-4220

6135

7590
Morgan & Finnegan
3 World Financial Center
New York, NY 10281-2101

03/12/2009

EXAMINER

BAYOU, YONAS A

ART UNIT

PAPER NUMBER

2434

MAIL DATE

DELIVERY MODE

03/12/2009

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/510,662	Applicant(s) KANGAS, MAURI	
	Examiner YONAS BAYOU	Art Unit 2434	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 02 December 2008.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-28 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 1-24, 27 and 28 is/are allowed.
- 6) ☒ Claim(s) 25 and 26 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 07 October 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. This office action is in response to applicant's response filed on 12/02/2008.
2. Claims 1-28 are pending.
3. Claims 1-5, 7-10, 13, 24, 27 and 28 are amended.
4. Applicant's arguments have been fully considered.
5. Examiner withdraws rejection of claims 1-24 and 27-28 due to correction by the applicant.
6. When responding to the Office action, Applicant is advised to clearly point out the patentable novelty the claims present in view of the state of the art disclosed by the reference(s) cited or the objection made. A showing of how the amendments avoid such references or objections must also be present. See 37 C.F.R. 1.111(c).

Allowable Subject Matter

1. Claims 1-24 and 27-28 are allowed.

Response to Arguments

1. Applicant, on page 11, third paragraph, of the remarks, argues Bacon does not teach claim 25: "clock[ing] input data into the first and second input buffers on one of the

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rising and falling edge of the clock signal respectively" and clock[ing] data out of the output buffers on one of the rising and falling edge of the clock signal respectively."

Examiner respectfully disagrees and asserts that Bacon discloses that referring to FIG. 4, the Data or Multiplexed MPEG Data stream signal 410 is the multiplex of the MPEG Data 1 and MPEG Data 2 data streams. The Start or MPEG Start signal 420 indicates the start of an MPEG packet with a signal level change 422 and is associated with the synchronization (sync) word 412 in the header of an MPEG packet. In an alternative embodiment, the Start signal 420 indicates a bit or byte of data. The Stream Select or transport stream source indicator signal 430 indicates the source of the associated portion of the signal, portions including bits, bytes, or packets. For example, the packets starting with the packet containing sync word 412 are associated with the MPEG Data 1 source assigned the unique designator "11" 432 and the prior packet 411 would be associated with the MPEG Data 2 source assigned the unique designator "00" 431. In addition to the Multiplexed MPEG Data stream signal 410, the multiplexer 226 transmits the MPEG Start signal 420 and the Stream Select signal 430 signal to the POD module 310. The MPEG Start signal 420 is associated with the MPEG clocks signals of the MPEG Data 1 and MPEG Data 2 data streams [para. 25 and fig. 4; clocking signals of data 1 and data 2 has inherently a rising and a falling edge].

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2. Examiner, however, in light of the above submission maintains the previous rejections with respect to claims 25-26 while considering the amendments to the claims as follows:

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 25-26 are rejected under 35 U.S.C. 102(e) as being anticipated by Bacon et al., Pub. No.: 2002/0101991 A1 (hereinafter Bacon).

Referring to claim 25, Bacon teaches the method of managing data presented to and received from a descrambling device, a descrambling device comprising: an input configured to receive a clock signal, first and second input buffers, a descrambling module and first and second output buffers, wherein the apparatus is configured to clock input data into the first and second input buffers on one of the rising and falling edge of the clock signal respectively and to clock data out of the output buffers on one of the rising and falling edge of the clock signal respectively **[paragraph 25 and fig. 4]**.

Conclusion

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to YONAS BAYOU whose telephone number is (571)272-7610. The examiner can normally be reached on m-f,7:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kambiz Zand can be reached on 571-272-3811. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Yonas Bayou/

Examiner, Art Unit 2434

03/11/2009

/Kambiz Zand/

Supervisory Patent Examiner, Art Unit 2434